

To: Distribution

From: Ernestine Bryant, STOrage and RETrieval (STORET), Technical Project Leader

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Subject: Minutes of STORET Change Control Board (CCB) Meeting

1.0 Purpose

A CCB Meeting was held on April 3, 2003 at the Systems Development Center (SDC). The purpose of the meeting was to review and address the status of the STORET Project activities, resolve project issues, and ensure that changes are within the Task Order scope and are processed in a visible and traceable manner.

2.0 Attendees

SDC EPA

Ernestine Bryant Robert King (TOPO)
Joseph Wilson Lee Manning (ATOPO)

3.0 Discussion Topics

The following sections detail the discussions of the project tasks and associated Software Incident Reports (SIRs).

3.1 Central Warehouse

The status of the Central Warehouse Extract Transfer and Load (ETL) deployment at EPA was discussed. It was announced that all scripts ran to completion and the warehouse tables had been created in their entirety with the exception of the LAB_REMARK field in the FA_CHEM_RESULT table. A new script is being developed for populating this column. The warehouse tables will be migrated to the development server at Research Triangle Park (RTP) once space is made available.

A timeline (Attachment A) was discussed for delivering a production version of the Regular (e.g., Chemical and Physical) Result portion of the Central Warehouse. This timeline will be

revisited once the C1.1B.3 beta version of the Central Warehouse has been deployed and evaluated.

The design of the Results by Station screen (Attachment B) was discussed. This page will provide three separate and independent station selection options: selecting Stations by Station ID, selecting Stations by Station Name, and selecting Stations by Station Alias. The current C1.1B.3 beta version of the Central Warehouse only allows Station selection by Station ID. A design is being developed that will allow users to retrieve Result data for a list of selected Stations and provide Activity Start Date and Characteristic search functionality.

Preliminary Results will be excluded from the production version of the Central Warehouse. The ETL scripts will be modified accordingly. The RESULT_STATUS column from the TSRRSULT table will be added to the FA CHEM RESULT fact table.

The size of the STATION_NAME and CHARACTERISTIC_NAME columns in the FA_CHEM_RESULT fact table will be researched to see if they can be reduced in character length.

The design and data content of the Regular Result report format (Attachment C) was revisited. Further discussions on this topic will take place at the next Central Warehouse meeting.

4.0 Action Item Summary

Number	Description	Date Issued	Status	Assignment	Date Completed
02-0020	Determine order of Station Types.	11/20/2002	Open	B. King	
02-0021	Research the possibility of an 8-character Beach ID.	12/12/2002	Closed	B. King	02/27/2003
03-0001	Add Citation IDs to the Data Entry Application v2.0 DEMOTEST.	02/27/2003	Closed	B. King	03/06/2003
03-0002	Send PDF of Server Model to B. King	02/27/2003	Closed	B. Norris	03/06/2003
03-0003	Provide sample batch files containing new functionality to B. King.	02/27/2003	Closed	B. Norris	03/06/2003

Number	Description	Date Issued	Status	Assignment	Date Completed
03-0004	Verify number of characters in Total Number in Group field on Single Taxon Group Summary Data Entry Window (3 characters?).	03/19/2003	Open	S. Smith	

5.0 Next Meeting

The next meeting was scheduled for April 7, 2003.

6.0 Distribution to EPA & SDC Interested Parties

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7.0	Approval of Minutes as Submitted or Revised				
Robe	rt E. King	Date			
Task	Order Project Officer				

ATTACHMENT A

STORET Chemical-Result Warehouse Timeline

STORET Chemical-Result Warehouse Timeline

	n/Development
April C	Finalize Design Specifications.
CCCCC	Incorporate long char elements into ELT and application.
C	Performance tuning of ETL scripts. Finalize Chemical Result report format and report customization user interface.
C	Development of Station Alias search functionality.
C	Enhance error catching and user feedback.
April	
C	Re-deploy ETL scripts at EPA. Design Application Help.
C C C	User Interface refinements - Netscape compatible, 508 compliance, general aesthetics.
С	Peer Reviews.
April	28-May 2
С	Development of Application Help.
C C C	Finalize ETL scripts. Finalize user interface refinements.
Č	Review Unit Test plans.
С	Re-establish test environment.
Testin	ng
May 5	
C C	First week of Application Integration Testing. Establish Integration Test Baseline.
May 1	2-16
C	Second week of Application Integration Testing.
С	Final Installation Integration Testing.
	ery/Deployment
May 1	
C C	Establish Final Baseline. Quality Assurance activities.
C C C	May 22 - Product Delivery.
С	May 23 - Launch ETL scripts at EPA.

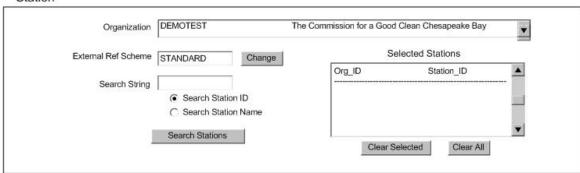
- May 27-30 C Mig C Dep C Fina Migrate Central Warehouse to RTP.
 Deploy Warehouse Web Application.
 Final Performance Testing and Tuning on Production Environment.

ATTACHMENT B

Results by Station Screen Design

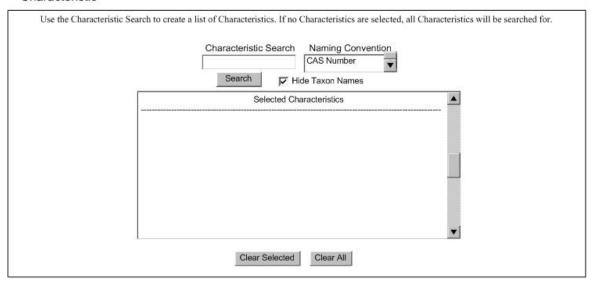
Results by Station

Station



Please specify an Activity Start Date range(s) DATE RANGE 1: JAN V 1 V 1900 V TO DEC V 31 V 2003 V DATE RANGE 2: --- V --- V TO --- V --- V DATE RANGE 3: --- V --- V TO --- V --- V DATE RANGE 4: --- V TO --- V --- V

Characteristic



Continue Clear Form

ATTACHMENT C

Regular Result Report Format

Warehouse Result Report Element Layout - Regular Results April 3 2003

Basic Org Info-

Org ID Org Name

Basic Station Info-

Station ID Station Name

Station Location Info-

Station Latitude Station Longitude

State

County

HUC

Geopositioning Method Horizontal Datum

Station Visit Info-

Visit Num

Visit Start

Visit Stop

Trip ID

Trip Name

Basic Activity Info-

Activity ID

Activity Start

Activity Stop

Activity Medium

Activity Matrix

Activity Type

Activity Category-Rep#

Activity Intent

Community Sampled

Subject Taxon

Biopart

Field Procedure ID

Field Procedure Name

Gear Config ID

Gear Config Name

Actual Activity Location Info-

Actual Activity Latitude
Actual Activity Longitude

Actual Location Point Type

Actual Point Name

Actual Point Sequence #

Well Number

Pipe Number

Activity Depth Info-

Activity Depth

Activity Depth Unit

Activity Upper Depth

Activity Rel Depth

Activity Lower Depth

Upr Lwr Depth Unit

Sample Handling Info-

Container Type

Container Color

Temp. Pres. Type

Sample Handling Desc.

Basic Result Info-

Characteristic Name

Sample Fraction

Result Type

Result Statistic

Result Numeric Value

Result Text Value

<u>Units</u>

Result Std Value

Result Std Unit

Weight Basis

Temperature Basis

Duration Basis

Particle Size Basis

Result Comment

Distance Measured From

Distance Measured To

Text Result

Analytical Proc. Info-

Analytical Proc. ID

Analytical Proc. Name

Sample Prep. Proc.

Proc. Exception

Basic Lab Info-

Lab ID

Lab Name

Lab Batch ID

Lab Cert.

Analysis Date

Detection Limit

Detection Limit Descript.

Lower Quantification Limit Upper Quantification Limit

Lab Remark

Result QA Info-

No. of Reps.

Precision

Conf Level

Bias

Dilution Ind

Recovery Ind

Correction Ind

Notes:

<u>Underlined Elements</u> are selected by Default

Italics Elements are

New in v2.0